ELSEVIER

Neuroscience Letters 243 (1998) 161–162

Neuroscience Letters

Contents to Volume 243

Volume 243, nos. 1,2,3

Guidelines for the submission of manuscripts v

Dopamine synthesizing enzymes in paraventricular hypothalamic neurons of the human and monkey (*Macaca fuscata*)
K. Kitahama, K. Ikemoto, A. Jouvet, I. Nagatsu, M. Geffard, H. Okamura, J. Pearson (France, Japan, USA) 1

D1 agonist CY208–243 attenuates the pattern electroretinogram to low spatial frequency stimuli in the monkey
A. Peppe, A. Antal, M. Tagliati, P. Stanzione, I. Bodis-Wollner (Italy, Hungary, USA) 5

Comparison of glycine- and GABA-evoked currents in two types of neurons isolated from the rat striatum
O.A. Sergeeva (Germany) 9

Trk neurotrophin receptor family immunoreactivity in rat and human pituitary tissues
F. Aguado, G. Majó, I. Gómez de Aranda, I. Ferrer (Spain) 13

Serotonin stimulates corticotropin-releasing factor gene expression in the hypothalamic paraventricular nucleus of conscious rats
K. Kageyama, F. Tozawa, N. Horiba, H. Watanobe, T. Suda (Japan) 17

Urocortin-like immunoreactivity in the substantia nigra, ventral tegmental area and Edinger–Westphal nucleus of rat
H. Yamamoto, T. Maeda, M. Fujimura, M. Fujimiya (Japan) 21

Stimulatory effect of lymphocyte-derived factor on catecholamine efflux from cultured bovine adrenal medullary cells
N. Yanagihara, K. Hara, K. Kajiwara, K. Minami, Y. Toyohira, Y. Uezono, S. Ueno, H. Hirano, U. Yamashita, F. Izumi (Japan) 25

Age-dependent changes in androgen receptor immunoreactivity in motoneurons of the spinal nucleus of the bulbocavernosus of male rats
A. Matsumoto, G.S. Prins (Japan, USA) 29

Elevated extracellular glutamate concentrations increased malondialdehyde production in anesthetized rat brain cortex
C.-S. Yang, P.-J. Tsai, N.-N. Lin, J.-S. Kuo (Taiwan) 33

Age-related changes in D_1 and D_2 receptor mRNA expression in postmortem human putamen with and without multiple small infarcts
H. Tohgi, K. Utsugisawa, M. Yoshimura, Y. Nagane, M. Mihara (Japan) 37

Immunohistochemical localization of leptin receptor in the rat brain
S. Shioda, H. Funahashi, S. Nakajo, T. Yada, O. Maruta, Y. Nakai (Japan) 41

Nitrergic innervation of the cat liver
F.J. Esteban, J.A. Pedrosa, A. Jiménez, M.L. del Moral, J. Rodrigo, M.A. Peinado (Spain) 45

Effects of near-ultraviolet light on the nocturnal serotonin *N*-acetyltransferase activity of rat pineal gland
J.B. Zawilska, J. Rosiak, J.Z. Nowak (Poland) 49

Serotonergic neurons are present and innervate blood vessels in the olfactory bulb of the laboratory shrew, *Suncus murinus*
M. Ho Won, T. Ohno, J. Gyo Suh, J. Chul Lee, S. Mook Jo, Y. Seok Oh, T. Namikawa, J. Kitoh (South Korea, Japan) 53

Postischemic hyperthermia increases expression of hsp72 mRNA after brief ischemia in the gerbil
S. Suga, T.S. Nowak Jr. (USA) 57

Changes in the morphology of sympathetic preganglionic neurons parallel the development of autonomic dysreflexia after spinal cord injury in rats
N.R. Krenz, L.C. Weaver (Canada) 61

Chronic morphine alters calbindin D-28k immunostaining patterns in mouse forebrain
P. Maharajan, R. Prencipe, R. Falchetti, P. Di Francesco, G. Paino, V. Maharajan (Italy) 65

Calcium inflow of hamster Merkel cells in response to hyposmotic stimulation indicate a stretch activated ion channel
M. Tazaki, T. Suzuki (Japan) 69

NO is not involved in the simvastatin induced cell division and differentiation in PC12 cells
M. Sano, I. Sato-Suzuki, H. Fujita, I. Morita, M. Nagao, S.-i. Murota (Japan) 73

Opposing regulation of tau protein levels by ionotropic and metabotropic glutamate receptors in human NT2 neurons
M. Paterlini, A. Valerio, F. Baruzzi, M. Memo, P. Spano (Italy) 77

Mediation of the cardiovascular response of adenosine A_1 receptor through a $GABA_B$ receptor in the spinal cord of the rat
H.C. Koh, I.C. Shin, S.J. Hwang, J.S. Kang, C.H. Lee, J.H. Ha, D.J. Paik (South Korea) 81

Destruction of locus coeruleus neuronal perikarya after injection of anti-dopamine-B-hydroxylase immunotoxin into the olfactory bulb of the rat
W.W. Blessing, D.A. Lappi, R.G. Wiley (Australia, USA) 85

Intrathecal administration of the adenosine A_1 receptor agonist *R*-phenylisopropyl adenosine reduces presumed pain behaviour in a rat model of central pain
K.-F. Sjölund, M. von Heijne, J.-X. Hao, X.-J. Xu, A. Sollevi, Z. Wiesenfeld-Hallin (Sweden) 89
Abstraction is impaired at the perceptual level in schizophrenic patients
S. Kéri, G. Szekeres, O. Kelemen, A. Antal, I. Szendi, Z. Kovács, G. Benedek, Z. Janka (Hungary) 93
Expression of Kin, a nuclear protein binding to curved DNA, in mammal and avian brains
N. Mermet, J. Angulo, J. Repérant, M. Medina, S. Araneda (France) 97
Evidence for an inhibition by endogenous galanin of neurogenic cutaneous vasodilatation in the pigeon
P. Sántha, F.-K. Pierau, G. Jancsó (Hungary, Germany) 101
Central NO is involved in the antinociceptive action of intracisternal antidepressants in freely moving rats
D.K. Ahn, Y.S. Kim, J.S. Park (South Korea) 105
Association study of a functional catechol-*O*-methyltransferase gene polymorphism in Japanese schizophrenics
O. Ohmori, T. Shinkai, H. Kojima, T. Terao, T. Suzuki, T. Mita, K. Abe (Japan) 109
Information transmission at 500 bits/s by action potentials in a mechanosensory neuron of the cockroach
A.S. French, P.H. Torkkeli (Canada) 113
A study of cell death in Werdnig Hoffmann disease brain
M. Hayashi, N. Arai, T. Murakami, M. Yoshio, M. Oda, H. Matsuyama (Japan) 117
β-Amyloid peptide 25–35 regulates basal and hormone-stimulated Ca^{2+} levels in cultured rat astrocytes
B. Stix, G. Reiser (Germany) 121
Autotomy in rats following peripheral nerve transection is attenuated by preceding formalin injections into the same limb
F. Abad, M. Feria, A. Sánchez, J.L. González Mora (Spain) 125
A dopamine-synthesizing cell group demonstrated in the human basal forebrain by dual labeling immunohistochemical technique of tyrosine hydroxylase and aromatic L-amino acid decarboxylase
K. Ikemoto, I. Nagatsu, K. Kitahama, A. Jouvet, A. Nishimura, K. Nishi, T. Maeda, R. Arai (Japan, France) 129
Cerebellar neurodegeneration in human hereditary DNA repair disorders
T. Kohji, M. Hayashi, K. Shioda, M. Minagawa, Y. Morimatsu, K. Tamagawa, M. Oda (Japan) 133
Cloning and expression of the programmed cell death regulator Bad in the rat brain
V. D'Agata, G. Magro, S. Travali, S. Musco, S. Cavallaro (Italy) 137
Thapsigargin inhibits bicuculline-induced epileptiform excitability in rat hippocampal slices
E. Wülfert, D. Georg Margineanu (Belgium) 141
An electrophysiological study on the autonomic innervation of the mesenteric lymph node in the rat
A. Niijima (Japan) 144
Corticospinal excitability modulation during mental simulation of wrist movements in human subjects
S. Rossi, P. Pasqualetti, F. Tecchio, F. Pauri, P.M. Rossini (Italy) 147
Activation of non-NMDA receptors stimulates acetylcholine and GABA release from dorsal hippocampus: a microdialysis study in the rat
M.G. Giovannini, A. Rakovska, L. Della Corte, L. Bianchi, G. Pepeu (Italy, Bulgaria) 152

Corrigendum 157
Author index to Volume 243 158
Contents to Volume 243 161

(Contents continued from back cover)

Destruction of locus coeruleus neuronal perikarya after injection of anti-dopamine-B-hydroxylase immunotoxin into the olfactory bulb of the rat
W.W. Blessing, D.A. Lappi, R.G. Wiley (Australia, USA) 85

Intrathecal administration of the adenosine A_1 receptor agonist *R*-phenylisopropyl adenosine reduces presumed pain behaviour in a rat model of central pain
K.-F. Sjölund, M. von Heijne, J.-X. Hao, X.-J. Xu, A. Sollevi, Z. Wiesenfeld-Hallin (Sweden) 89

Abstraction is impaired at the perceptual level in schizophrenic patients
S. Kéri, G. Szekeres, O. Kelemen, A. Antal, I. Szendi, Z. Kovács, G. Benedek, Z. Janka (Hungary) 93

Expression of Kin, a nuclear protein binding to curved DNA, in mammal and avian brains
N. Mermet, J. Angulo, J. Repérant, M. Medina, S. Araneda (France) 97

Evidence for an inhibition by endogenous galanin of neurogenic cutaneous vasodilatation in the pigeon
P. Sántha, F.-K. Pierau, G. Jancsó (Hungary, Germany) 101

Central NO is involved in the antinociceptive action of intracisternal antidepressants in freely moving rats
D.K. Ahn, Y.S. Kim, J.S. Park (South Korea) 105

Association study of a functional catechol-*O*-methyltransferase gene polymorphism in Japanese schizophrenics
O. Ohmori, T. Shinkai, H. Kojima, T. Terao, T. Suzuki, T. Mita, K. Abe (Japan) 109

Information transmission at 500 bits/s by action potentials in a mechanosensory neuron of the cockroach
A.S. French, P.H. Torkkeli (Canada) 113

A study of cell death in Werdnig Hoffmann disease brain
M. Hayashi, N. Arai, T. Murakami, M. Yoshio, M. Oda, H. Matsuyama (Japan) 117

β-Amyloid peptide 25–35 regulates basal and hormone-stimulated Ca^{2+} levels in cultured rat astrocytes
B. Stix, G. Reiser (Germany) 121

Autotomy in rats following peripheral nerve transection is attenuated by preceding formalin injections into the same limb
F. Abad, M. Feria, A. Sánchez, J.L. González Mora (Spain) 125

A dopamine-synthesizing cell group demonstrated in the human basal forebrain by dual labeling immunohistochemical technique of tyrosine hydroxylase and aromatic L-amino acid decarboxylase
K. Ikemoto, I. Nagatsu, K. Kitahama, A. Jouvet, A. Nishimura, K. Nishi, T. Maeda, R. Arai (Japan, France) 129

Cerebellar neurodegeneration in human hereditary DNA repair disorders
T. Kohji, M. Hayashi, K. Shioda, M. Minagawa, Y. Morimatsu, K. Tamagawa, M. Oda (Japan) 133

Cloning and expression of the programmed cell death regulator Bad in the rat brain
V. D'Agata, G. Magro, S. Travali, S. Musco, S. Cavallaro (Italy) 137

Thapsigargin inhibits bicuculline-induced epileptiform excitability in rat hippocampal slices
E. Wülfert, D. Georg Margineanu (Belgium) 141

An electrophysiological study on the autonomic innervation of the mesenteric lymph node in the rat
A. Niijima (Japan) 144

Corticospinal excitability modulation during mental simulation of wrist movements in human subjects
S. Rossi, P. Pasqualetti, F. Tecchio, F. Pauri, P.M. Rossini (Italy) 147

Activation of non-NMDA receptors stimulates acetylcholine and GABA release from dorsal hippocampus: a microdialysis study in the rat
M.G. Giovannini, A. Rakovska, L. Della Corte, L. Bianchi, G. Pepeu (Italy, Bulgaria) 152

Corrigendum 157

Author index to Volume 243 158

Contents to Volume 243 161